

Figure 1

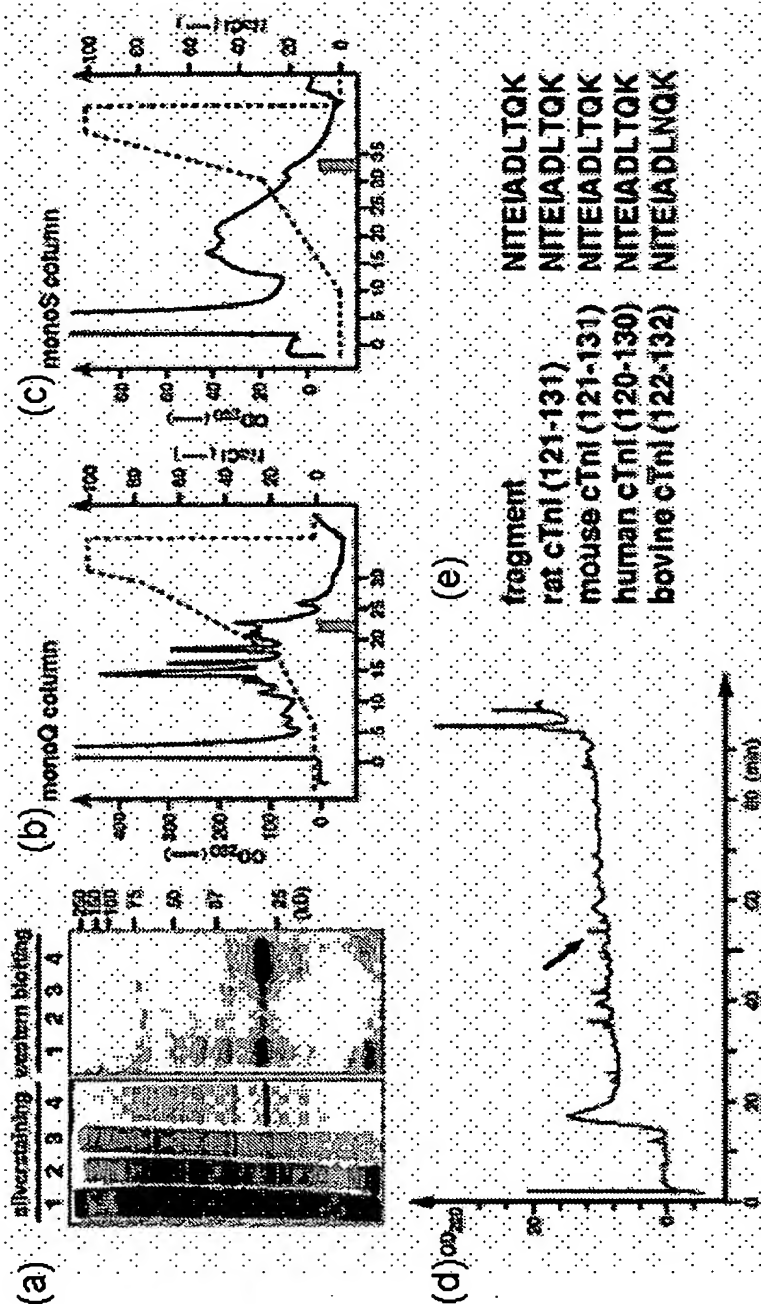


Figure 2

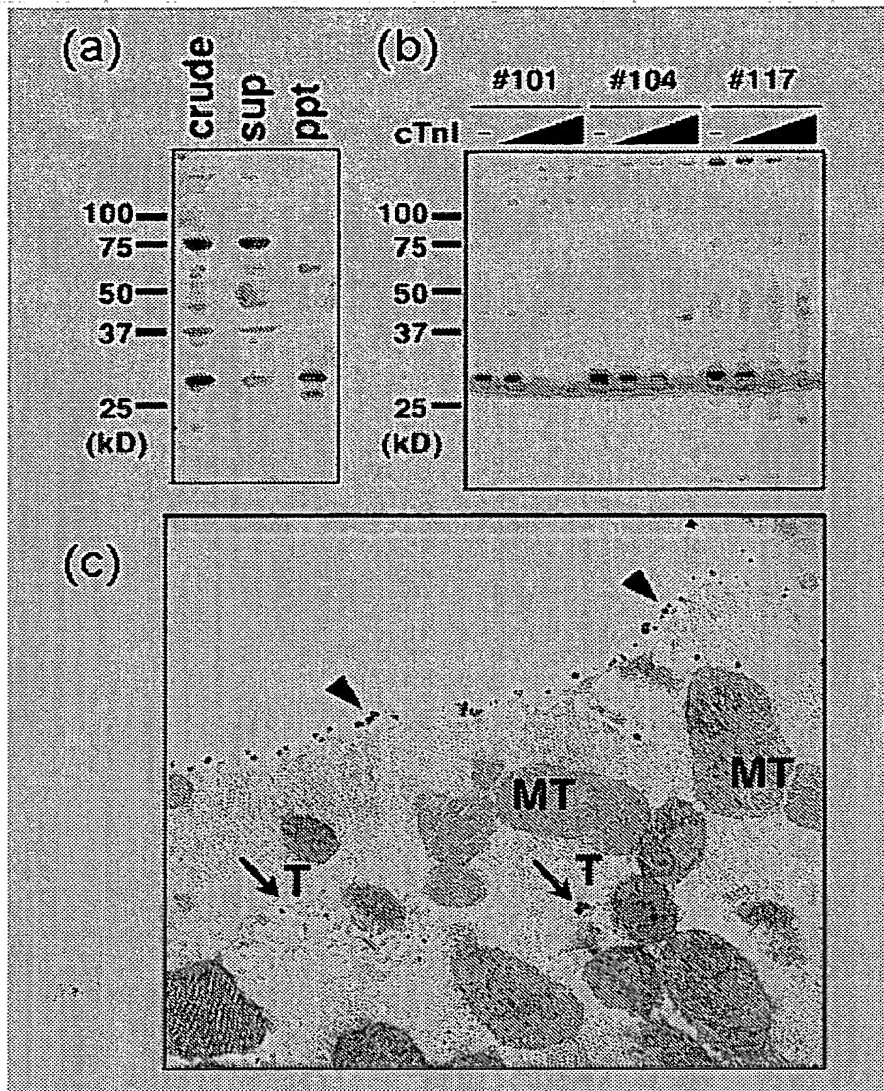
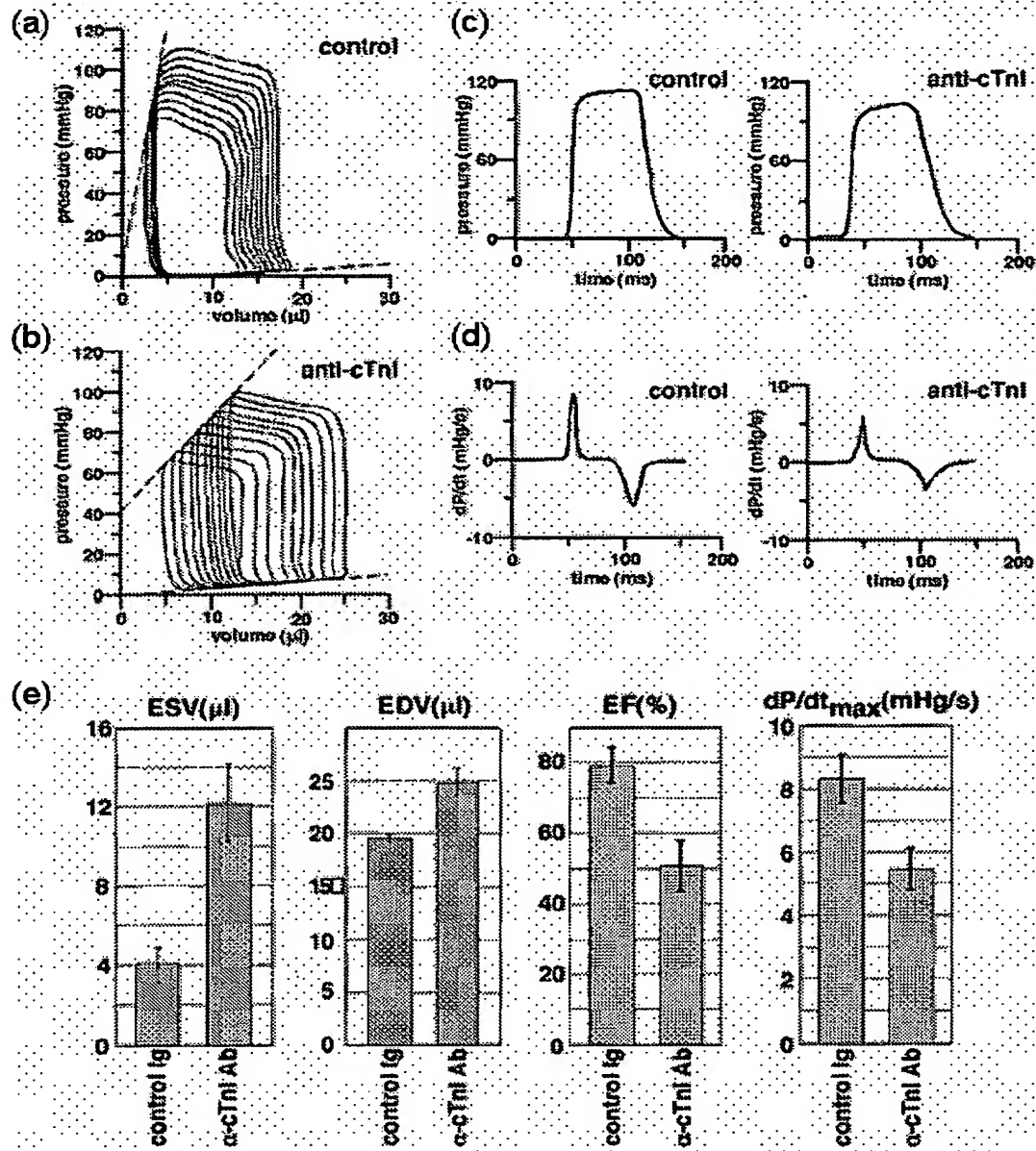


Figure 3



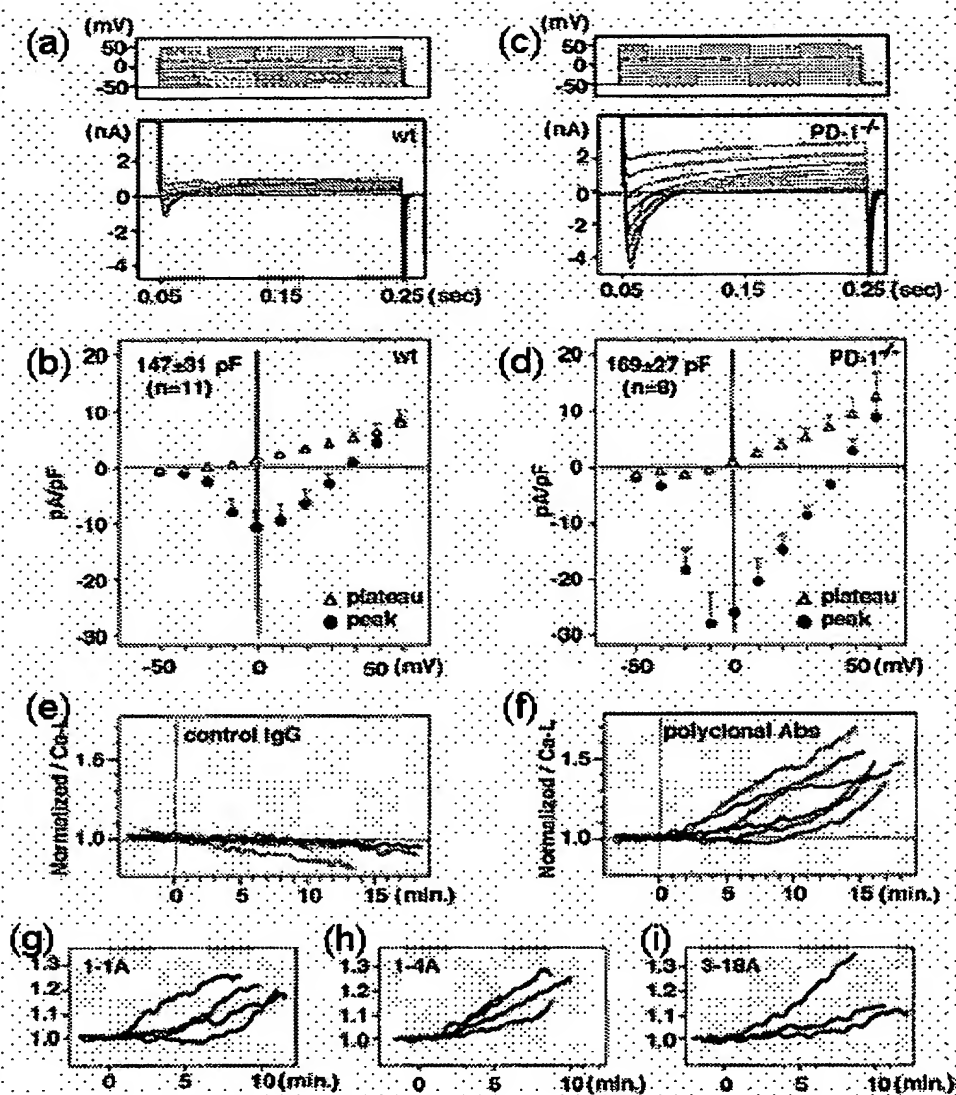


Figure 4

Figure 5

	Control IgG	Anti-myocardiac troponin I	statistically significant difference
Body weight (g)	23.2±0.9	22.3±0.4	N.S.
Heart weight (g)	131.7±6.0	130.7±4.3	N.S.
Heart rate (min ⁻¹)	370±4	369±10	N.S.
ESP (mmHg)	103.8±6.7	98.1±4.2	N.S.
EDP (mmHg)	2.3±0.4	8.4±2.0	<0.05
SVI (μl/g)	0.66±0.04	0.57±0.10	N.S.
CI (μl/min/g)	242±15	210±35	N.S.
RA _{mean} (mmHg)	2.9±0.3	4.3±0.7	N.S.
SVRI (mmHg/mg·min·g)	315.6±16.5	387.5±81.1	<0.05
Systolic function			
dP/dt _{max} (mmHg/s)	8295±762	5463±649	<0.05
NL E _{es} (mmHg/μl·100mg)	17.36±4.63	5.27±0.82	<0.05
E _a /E _{es}	0.70±0.19	2.01±0.32	<0.05
Diastolic function			
dP/dt _{min} (mmHg/s)	-5171±218	-3413±531	<0.05
(dP/dt _{max})/(dP/dt _{min})	1.60±0.13	1.67±0.13	N.S.
NL E _{ed} (mmHg/μl·100mg)	0.33±0.45	0.49±0.46	N.S.
τ (ms)	101±1.1	11.7±2.6	N.S.

ESP, end-systolic pressure; EDP, end-diastolic pressure; SVI, stroke-volume index; SVRI, systemic vascular resistance index; CI, cardiac index; RA_{mean}, mean right atrial pressure; NL E_{es}, normalized end-systolic volume elastance; NL E_{ed}, normalized end-diastolic volume elastance; τ, monoexponential time constant of relaxation.